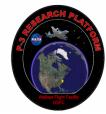


Operation Ice Bridge

NASA 426 2010





Overview



- The P-3 Operation Ice Bridge campaign has 100 flight hours approved.
 - Flight Request 10P002
 - PI William Krabill
 - Flight Request 10P007
 - PI Lora Koenig



Overview

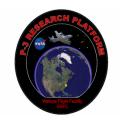


Sondrestrom 01 -17 May

Thule 7 – 28 May







Deployment Lodging



Sondrestrom

- Kangerlussuaq International Science Support (KISS)
 - KISS Manager
 P.O. Box 109
 DK- 3910 Kangerlussuaq Greenland
 Tel. +299 524533
 sciencesupport@glv.gl

Basse Vængtoft bvn@glv.gl



Website: http://dpc.dk/sw5404.asp

KISS is filling up and single rooms are not guaranteed



Deployment Lodging





http://www.airporthotels.gl/ Kangerlussuaq/english/index.htm





Deployment Lodging



North Star Inn

Thule AB Personnel
 Theater Clearances and Lodging will be administered through the Aircraft Mission Manager for P-3 operations.





Travel Logistics



- Kangerlussaq
- BWI to CPH \$387 and up (one way)
- CPH to SFJ 2339.00kr/\$459.52 (one way)
 - Access and transportation
 Greenlandair fly between
 Copenhagen and
 Kangerlussuaq. The flight
 frequency during summer
 months is a least nine times
 per week and during winter
 months a least five times per
 week. This may, however, be
 subject to change.

- Price Details
- Monday, Apr 26, 2010
- Copenhagen Kangerlussuaq
 Economy Restrictive Fare
- 1 Adult 2,190.00 Taxes/Fees: <u>Details »</u> 149.00
 Copenhagen Kangerlussuaq
- EU handicap fee 6.00
- Airport Depature fee 68.00
- Sales Handling Charge 75.00
- Total Price 2,339.00 Currency Converter »
- All amounts shown are in Danish kroner DKK.





Travel Logistics



Thule AB Rotator Flight

- Full Name
- SSN#
- Rank
- Next of Kin (name and phone #)
- Dates of travel
- CIC code (for payment via your orders)
- Flights are once a week each way:
 Departing BWI at 2:00am on Thursday mornings
 Departing Thule at approximately 8:00am Friday mornings
- We suggest you bring several copies of your orders when you travel.
- 2010 Cost \$2000 one way.





Deployment Schedule



May 2010

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Notes:						1	
						P-3 Transit - Kangar	
						P-5 transit-kangar	
2	3	4	5	6	7	8	
P-3 OIB Spring Deploy - Kangar							
9	10	11	12	13	14	15	
P-3 OIB Spring Deploy - Kangar							
16	17	18	19	20	21	22	
- A	P-3 OIB Spring Deploy - Thule						
23	24	25	26	27	28	29	
P-3 OIB Spring Deploy - Thule					P-3 Transit - RTB WFF		
30	31	Notes:					



Estimated Flight hours



Evolution	Flight Hours
Engineering Check Flight	2.0
Project Check Flight	4.0
Transit WFF to Sondrestrom	6.0
Science Flights BGSF (5@ 8 hours)	40.0
Science Flights BGTL (5@ 8 hours)	40.0
Transit Thule to WFF	7.0
Total estimated	99.0



Crew Duty Times (830-AOM)



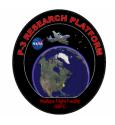
- Basic crew duty time will not be scheduled to exceed 14 consecutive hours.
- Twelve consecutive hours free of all official duties is considered the minimum crew rest period prior to commencing flight duties.
- Flight Time Limitations Consecutive work period:

	Daily Hours	Weekly (7 days) Hours
Daily/Weekly		
Basic Crew	8	40
Aug Crew	16	40
Monthly	100	

• Consecutive work period: 10 days, Requires a minimum of 24 hours free of duty.

Science Functional Flight Test Plan

- One local check flight has been requested for the testing and calibration of the instrument suite
- Laser operations will comply with the procedures outlined in the letters of non-objection.
- Radar operations will take place 200 miles offshore in the warning areas
- PCF Parameters
 - Time of day 0800 to 1800 (L)
 - Weather (VMC) no rain, no cloud decks below aircraft light clouds OK



Reminders



- List of participants complete with schedule
 - Foreign Nationals ASAP
- Check Passports for date of expiration
 - Denmark is a party to the Schengen agreement. As such, U.S. citizens may enter
 Denmark for up to 90 days for tourist or business purposes without a visa. The passport should be valid for at least three months beyond the period of stay.
 - Foreign Nationals need to verify and comply with the requirements based on their citizenship



Installation Schedule



	April 2010							
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
Notes: All racks, safety equipment, bomb bay fairing and KU antenna cables to be installed prior to 4/1				1 KU Arrival @ WFF	2 KU Upload begins	3		
4	5	6	7	8	9	10		
11 KU upload ends	12 KU antenna load testing begins	13	14 KU antenna load testing ends	15 WFF Modal Testing of Antenna Structures	16 Weight/Balance (AM); 1 st Final Installation and Inspection Review (FIIR) (PM)	17 KU Antenna Ground Testing		
18 KU Antenna Ground Testing	19 Engineering Check Flight (AM); Post-Flight Inspections (PM)	20	21	22	23 DC-8 Arrives @ WFF/ Download begins	24 ATMx2, Gravimeter, GPSNAV upload begins		
25	26	27 ATMx2, Gravimeter, GPSNAV uploads ends (AM); 2 nd FIIR (PM)	28 Gravimeter 12- 18hr. ground testing (beginning of 24/7 power requirement)	29 Project Check Flight (AM); Pack aircraft for mission (PM)	30 Down Day????	MAY 1 Deploy for missio		



P-3 OIB Instrument Layout

